

CALCIUM GLUCONATE INJECTION

Date Prepared: 08/06/1996

Date Reviewed: 08/06/1996

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Calcium Gluconate

General Use: Calcium Replenisher

MANUFACTURER

American Pharmaceutical Partners, Inc.
1101 Perimeter Drive
Schaumburg, IL 60173-5837
(847) 969-2700

EMERGENCY TELEPHONE NUMBER:

(708) 450-7500

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component: *Calcium D-Saccharate, Tetrahydrate*

CAS Registry #: 5793-89-5

OSHA PEL: NE	mg/m3	OSHA PEL: NE	ppm
ACGIH TLV: NE	mg/m3	ACGIH TLV: NE	ppm
STEL: NE	mg/m3	STEL: NE	ppm

Percent of Product: <1%

Note: % given as W/V

Component: *Calcium Gluconate*

CAS Registry #: 299-28-5

OSHA PEL: NE	mg/m3	OSHA PEL: NE	ppm
ACGIH TLV: NE	mg/m3	ACGIH TLV: NE	ppm
STEL: NE	mg/m3	STEL: NE	ppm

Percent of Product: 9.4%

Note: % given as W/V

Component: *Water for Injection*

CAS Registry #: 7732-18-5

OSHA PEL: NE	mg/m3	OSHA PEL: NE	ppm
ACGIH TLV: NE	mg/m3	ACGIH TLV: NE	ppm
STEL: NE	mg/m3	STEL: NE	ppm

Percent of Product: NG

Note: QS to volume

3. HAZARD IDENTIFICATION

PRIMARY ROUTES OF EXPOSURE - Inhalation; Eye/Skin Absorption and Ingestion.

CHEMICAL LISTING AS CARCINOGEN:

<u>COMPONENT</u>	<u>CAS No.</u>	<u>NTP</u>	<u>IARC</u>	<u>OSHA</u>
Calcium D-Saccharate, Tetrahydrate	5793-89-5			
Calcium Gluconate	299-28-5			
Water for Injection	7732-18-5	NO	NO	NO

4. EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Move person to fresh air immediately. Give artificial respiration and cardiopulmonary resuscitation (CPR) if required. Seek medical attention.

INGESTION: Flush mouth out with water immediately. Seek medical attention.

SKIN CONTACT: Remove contaminated clothing immediately. Flush area with water for at least 15 minutes. Seek medical attention.

EYE CONTACT: Immediately flush with water for at least 15 minutes. Seek medical attention.

For Adverse Drug Reaction Information call (708) 547-2372.

5. FIRE FIGHTING MEASURES

Fire and Explosion Data:

Closed Cup Flash Pt. NE

Open Cup Flash Pt. NE

Fire Point NE

Autoignition NE

Lower Explosion Limit NE

Upper Explosion Limit NE

GENERAL HAZARD: None

FIRE FIGHTING INSTRUCTION: Water spray, dry chemical, carbon dioxide or foam as appropriate.

FIRE FIGHTING EQUIPMENT: Wear self-contained breathing apparatus and protective clothing.

HAZARDOUS COMBUSTION PRODUCTS: None.

6. ACCIDENTAL RELEASE MEASURES

CLEAN-UP: Wear recommended personal protective equipment. Use absorbent towels or booms to clean-up spill. Wipe surfaces clean and wash with soap and water.

7. HANDLING AND STORAGE

When handling pharmaceutical products, avoid all contact and inhalation of dust, fumes, mist, and/or vapors associated with the product.

Store below 40 °C (105 °F), preferably between 15 and 30 °C (59 and 86 °F).

Protect from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Under indicated use, general room ventilation is usually satisfactory. Use local exhaust ventilation when necessary.

PERSONAL PROTECTION:

Respirators - With satisfactory ventilation, respiratory protection not usually required.

Eyes - Safety glasses or goggles recommended.

Gloves - Disposable latex gloves recommended.

Clothing - Disposable garments if direct skin contact is anticipated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor other characteristics: Clear, colorless, odorless solution.

Boiling Point: NE

Vapor Density: NE

Melting Point: 120° C

Percent Volatiles: NE

Freezing Point: NE

pH: 6.0-8.2

Vapor Pressure: NE

Molecular Weight: 430.42

Note:

Solubility: Hot Water

10. STABILITY AND REACTIVITY

Stability - Stable.

Conditions/Materials to Avoid - Protect from freezing.

Hazardous Polymerization - Will not occur.

11. TOXICOLOGY INFORMATION

SIGNS & SYMPTOMS OF OVEREXPOSURE MAY INCLUDE:

This product is intended for therapeutic use only when prescribed by a physician. Potential adverse reactions from prescribed doses and overdoses are described in the package insert. Occupational exposure has not been fully investigated.

MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE: Pre-existing skin and respiratory conditions.

LD50: 950 mg/kg oral rat (Pertains to the active ingredient alone).

IMMEDIATE EFFECTS: Eye, skin and respiratory irritation may occur.

DELAYED EFFECTS: None Known

12. TRANSPORT INFORMATION

UN/NA Number: NA

DOT Hazard Class: NA

Shipping Name: NA

Shipping Label: NA

13. WASTE DISPOSAL

Waste Disposal - Waste product should be incinerated in accordance with federal, state and local regulations.

14. OTHER INFORMATION

KEY TO ABBREVIATIONS:

ACGIH - American Conference of Governmental Industrial Hygienists

HEPA - High-Efficiency Particulate Air

IARC - International Agency for Research on Cancer

NA - Not Applicable

NE - Not Established

NG - Not Given

NIOSH - National Institute for Occupational Safety and Health

NTP - National Toxicology Program

OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit

PPM - Parts Per Million

QS - Quantity Sufficient

RCRA - Resource Conservation and Recovery Act

STEL - Short Term Exposure Limit

TLV - Threshold Limit Value
